WEB SERVER FOR COMMUNICATING WITH ONE OR MORE ELECTRONIC DEVICES THROUGH A GATEWAY COMPUTER

5 **ABSTRACT OF THE DISCLOSURE**

A web server is disclosed for facilitating communications with an embedded device through a gateway. The web server includes a plurality of web pages for downloading by web clients. The web pages are usable by the web clients. The web server includes an HTTP server for serving the web pages to the web clients. A user interface component is also

10 included. The user interface component is downloadable by a web client and usable by the web client to present a user interface element that relates to an embedded device. The user interface element is capable of causing communication with the embedded device. A gateway communications module is also included for communicating with the gateway. The gateway is in electronic communication with the embedded device and is programmed to

15 communicate with the embedded device. The user interface element initiates instructions included in the gateway communications module to communicate with the embedded device. In operation, the HTTP server sends the user interface component to the web client, the web client receives and processes the user interface component to present the user interface element. Communication with the embedded device is initiated through use of the user

20 interface element by the user interface element sending data to the HTTP server. The HTTP server sends the data to the gateway communications module, and the gateway communications module communicates with the gateway that communicates with the embedded device.

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